CHEMICAL REPORT FOR THE SSFL FORMER SODIUM DISPOSAL FACILITY (FSDF)

Prepared by Michael Sullivan

CHEMCIALS IN SOIL AT THE FSDF

CHEMICAL	DATE	SAMPLED?	RESULT	MAX CONC (MG/KG)	SIGNIFICANT?	REFERENCE
benzene	4/87	Y	ND	N/A	N	CCR, 1993
	7/95	Y	ND	N/A	N	CR, 1997
carbon disulfide	4/87	N	N/A	N/A	?	CCR, 1993
	7/95	Y	ND	N/A	N	CR, 1997
carbon tetrachloride	4/87	Y*	D	500	?	CCR, 1993
	7/95	Y	ND	N/A	N	CR, 1997
chloroform	4/87	Y	ND	N/A	N	CCR, 1993
	7/95	Y	ND	N/A	N	CR, 1997
cobalt metal powder	4/87	N	N/A	N/A	?	CCR, 1993
	7/95	N	N/A	N/A	?	CR, 1997
1,1-DCE	4/87	Y	D	90	?	CCR, 1993
	7/95	Y	ND	N/A	N	CR, 1997
hydrazine	4/87	N*	N/A	N/A	?	CCR, 1993
	7/95	N	N/A	N/A	?	CR, 1997
lead	4/87	Y	D	864	?	CCR, 1993
	7/95	Y	D	232	?	CR, 1997
methylene chloride	4/87	Y	ND	N/A	N	CCR, 1993
	7/95	Y	ND	N/A	N	CR, 1997
tetrachloroethane	4/87	Y	ND	N/A	N	CCR, 1993
	7/95	Y	ND	N/A	N	CR, 1997
tetrachloroethylene	4/87	Y	D	1,200	?	CCR, 1993
	7/95	Y	ND	N/A	N	CR, 1997

BNA02120611
HDMSe00439570

CHEMICAL	DATE	SAMPLED?	RESULT	MAX CONC. (MG/KG)	SIGNIFICANT?	REFERENCE
TCE	4/87	Y	D	740	?	CCR, 1993
	7/95	Y	ND	N/A	N	CR, 1997
toluene	4/87	Y*	D	800	?	CCR, 1993
	7/95	Y	ND	N/A	N	CR, 1997
vinyl chloride	4/87	Y	ND	N/A	N	CCR, 1993
	7/95	Y	ND	N/A	N	CR, 1997

CHEMICAL: those listed in Prop 65 discharge action
DATE: general date (mo/yr) of soil sampling event
SAMPLED?: NS = not sampled, S = sampled
RESULT: n/a = not applicable, ND = not deteted, D = detected
MAX CONC. highest detected concentration for sampling event, n/a = not applicable
SIGNIFICANT? potential source of chemicals to water above significant levels, n/a = not applicable
REFERNCE report namewhere information found, CCR, 1993 = Current Conditions Report, CR, 1997 = FSDF Characterization Report

NOTE: Approximately 10,000 cubic yards of soil were removed from the FSDF between the sampling activities
* carbon tetrachloride, hydrazine and toluene detected in air samples collected during sampling activities

BNA02120612
HDMSe00439571